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10/675,055	09/30/2003	David J. Park	66329/33305	5874

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EXAMINER
TRAN, TONGOC

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *30 September 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-24* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date *9/30/2003*.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____ .

DETAILED ACTION

1.   This Office Action is in response to Applicant's Application filed on 9/30/2003.

Claims 1-24 are pending for examination.

Information Disclosure Statement

2.   The information disclosure statement (IDS) submitted on September 30, 2003

has been considered by the Examiner.

Drawings

3.   The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5)

because they include the following reference character(s) not mentioned in the

description: The drawing contains references of "Added" in Fig. 2 and "Remove" in Fig.

3 not describe in the Specification. Corrected drawing sheets in compliance with 37

CFR 1.121(d), or amendment to the specification to add the reference character(s) in

the description in compliance with 37 CFR 1.121(b) are required in reply to the Office

action to avoid abandonment of the application. Any amended replacement drawing

sheet should include all of the figures appearing on the immediate prior version of the

sheet, even if only one figure is being amended. Each drawing sheet submitted after the

filing date of an application must be labeled in the top margin as either "Replacement

Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by

the examiner, the applicant will be notified and informed of any required corrective

action in the next Office action. The objection to the drawings will not be held in

abeyance.

Claim Objections

4.   Claims 10-12 are objected to under 37 CFR 1.75(c), as being of improper

dependent form for failing to further limit the subject matter of a previous claim.

Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s)

in proper dependent form, or rewrite the claim(s) in independent form.

Claims 10 further recite "[t]he method of claim 8, wherein each data storage

location has unique security information associated therewith". However, this claim

limitation has recited in testing step of claim 8.

With respect to claims 11 and 12, it is unclear to the Examiner whether the

claimed limitations are intended to be dependent on claim 9. A U.S.C. 112 rejection for

lack of antecedent will be rendered if claim should be dependent on claim 9. Applicant

is advised to clarify the claim language to avoid a 112 rejection.

Claim Rejections - 35 USC § 112

5.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

Claim 13 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite

for failing to particularly point out and distinctly claim the subject matter which applicant

regards as the invention. The claim limitations recite "means adapted for" and thus the

claim is being treated under 35 U.S.C. 112, sixth paragraph. However, the statement of

the preamble does not recite sufficient structure to enable the computer readable

medium to perform the series of steps-plus-function. Applicant is advised to either

amend the preamble of the claim to recite functional language that enables the

computer readable medium of instructions to perform the specified function or to amend

the claimed limitations that do not invoke the 35 U.S.C. 112, Sixth paragraph.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Anderson et al. (U.S. Patent Application Publication No. 2001/0054106 A1, hereinafter

Anderson) in view of Pham et al. (U.S. Patent No. 6,678,828, hereinafter Pham).

With respect to claims 1, 7, 13 and 19, Anderson discloses a method, a computer

readable medium of instruction and a network file system for document images

comprising:

identification means adapted for securing identification information representative

of an identity of a user (e.g. [0041], "login page requiring appropriate user name and

password");

means adapted for receiving data representative of a user request to open a selected data storage area (e.g. [0041], "...various user selectable icons 200-208 corresponding to categories of destinations for the images acquired by the image acquiring device...database servers 200, e-mail servers 202, file servers 204, printers or printer servers 206, fax servers 208, etc.");

allocation means adapted for allocating data storage associated with the selected data storage location (e.g. "a user selectable operational icon 210 allows the administrator to configure the server to automatically update/acquire all or part of its configuration parameters via the network...");

means adapted for storing the identification information and the security information associatively with the selected data storage location (e.g. [0041]);

means adapted for receiving document data representative of a document image (e.g. [0041], "...the image acquiring device, e.g. scanner, digital copier, camera, coupled to the image server.");

means adapted for storing received document data into the selected data storage location (e.g. [0041], "...various user selectable icons 200-208 corresponding to categories of destinations for the images acquired by the image acquiring device...database servers 200, e-mail servers 202, file servers 204, printers or printer servers 206, fax servers 208, etc.");

Anderson does not disclose but Pham discloses a security input means adapted for receiving from the user security information associated with a selected data storage operation (e.g. col. 8, lines 53-67, col. 9, lines 12-23); means adapted for receiving

information signaling completion of a data storage operation; and means adapted for

restricting access to the selected data storage location upon receipt of the information

signaling completion of the data storage operation (e.g. Pham, col. 3, lines 10-20 and

col. 8, lines 63-67). It would have been obvious to one of ordinary skill in the art at the

time the invention was made to implement input means for security information and

means for means for implementing restrict access to data storage taught by Pham with

image server acquiring images and specific data storage selected by user to secure

network file access control (Pham, col. 1, lines 7-10).

With respect to claims 2, 8, 14 and 20, Anderson and Pham further disclose login

means adapted for receiving from the user a request for access to the data storage

location when access has been restricted thereto (e.g. Pham, col. 3, lines 10-20), the

login means including means adapted for acquiring the identification information and the

security information (e.g. Pham, col. 8, lines 63-67 and col. 9, lines 12-23); testing

means adapted for testing the identification information and the security information

against stored security information; and means adapted for unrestricting the selected

data storage in accordance with an output of the testing means (e.g. col. 9, lines 12-23).

With respect to claims 3, 9, 13, 15 and 21, Anderson and Pham further disclose

means adapted for receiving data representative of a user request to open at least one

additional data storage location (e.g. Pham col. 3, lines 10-20); wherein the allocation

means includes means adapted for allocating data storage associated with the at least

one additional data storage area; wherein the security input means includes means

adapted for receiving security information associated with the at least one additional

data storage area (e.g. Pham, col. 8, lines 53-67 and col. 9, lines 12-23); wherein the

means adapted for storing the identification information includes means adapted for

storing security information associated with the at least one additional data storage area

(e.g. Pham, col. 8, lines 53-67); wherein the means adapted for storing the identification

information and the security information includes means adapted for storing information

associated with the at least one additional data storage area associatively with the at

least one data storage area (e.g. Pham, col. 9,lines 12-23); means adapted for receiving

routing data representative as into which data storage area document data is to be

routed; and means adapted for routing received document data into a selected data

storage location in accordance with the routing data (e.g. Pham, col. 9, lines 12-23,

processing a file or associate file request encompasses determine the location of the file

and transmitted to its intended destination).

With respect to claims 4, 10, 16 and 22, further disclose wherein each data

storage location has unique security information associated therewith (e.g. Pham, col. 8,

lines 63-67, col. 9, lines 12-23).

With respect to claims 5, 11, 17 and 23, Anderson and Pham further disclose

wherein each data storage location has common security information associated

therewith, wherein each of a plurality of data storage locations are accessible by a user

during a single session (e.g. col. 8, lines 63-67, col. 9, lines 12-23).

With respect to claims 6, 12, 18 and 24, Anderson and Pham further disclose wherein the means adapted for receiving document data includes means adapted for receiving document data from at least one of an associated scanner, facsimile, local area network and wide area network (e.g. Anderson, [0012]).

Conclusion

6.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

-Komura et al. disclose system and method of authentication of digital information.

-An et al. disclose secure server using public key registration and methods of operation.

-Johnson et al. disclose single scan transmission of documents to multiple hetergenious receivers.

-Dockter et al. disclose method and apparatus for multi level security evaluation.

-Avolio discloses various issues concerning Internet security in a publication, Putting It Together, "Multi Dimensional Approach to Internet Security".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tongoc Tran whose telephone number is (571) 272-3843. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kambiz Zand can be reached on (571) 272-3811. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KAMBIZ ZAND
SUPERVISORY PATENT EXAMINER

TT
May 10, 2007